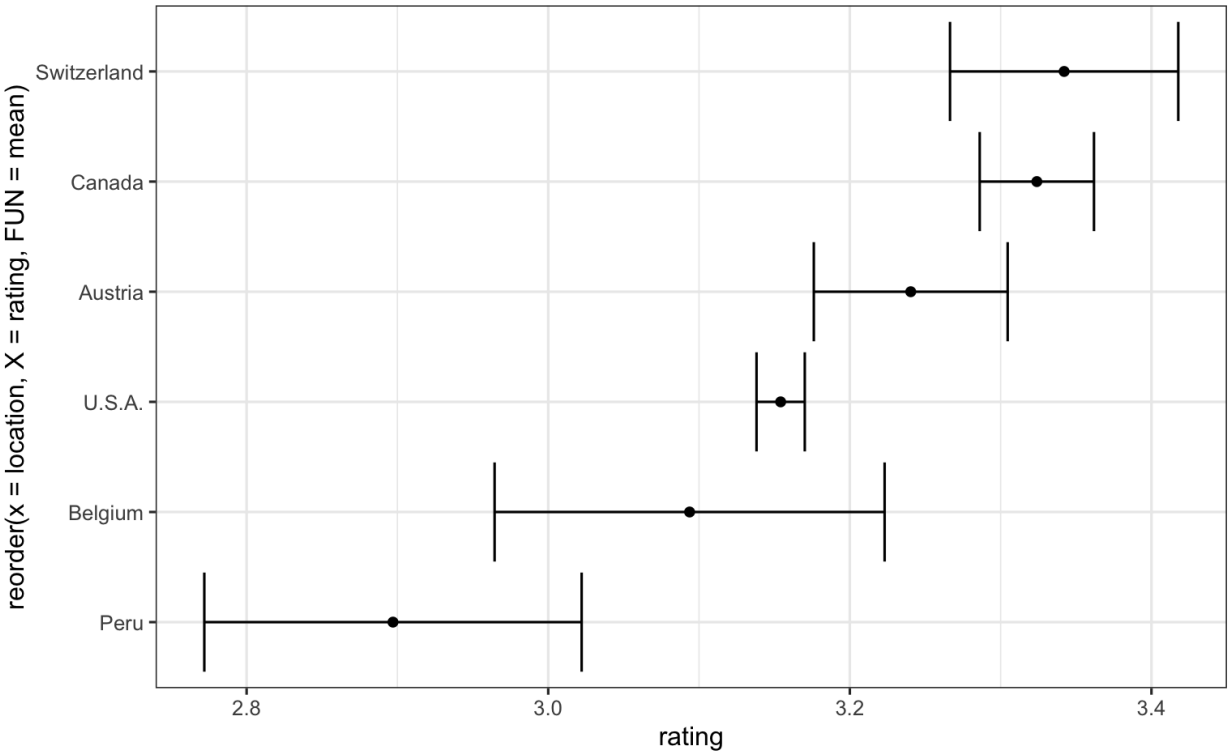
Error Bars

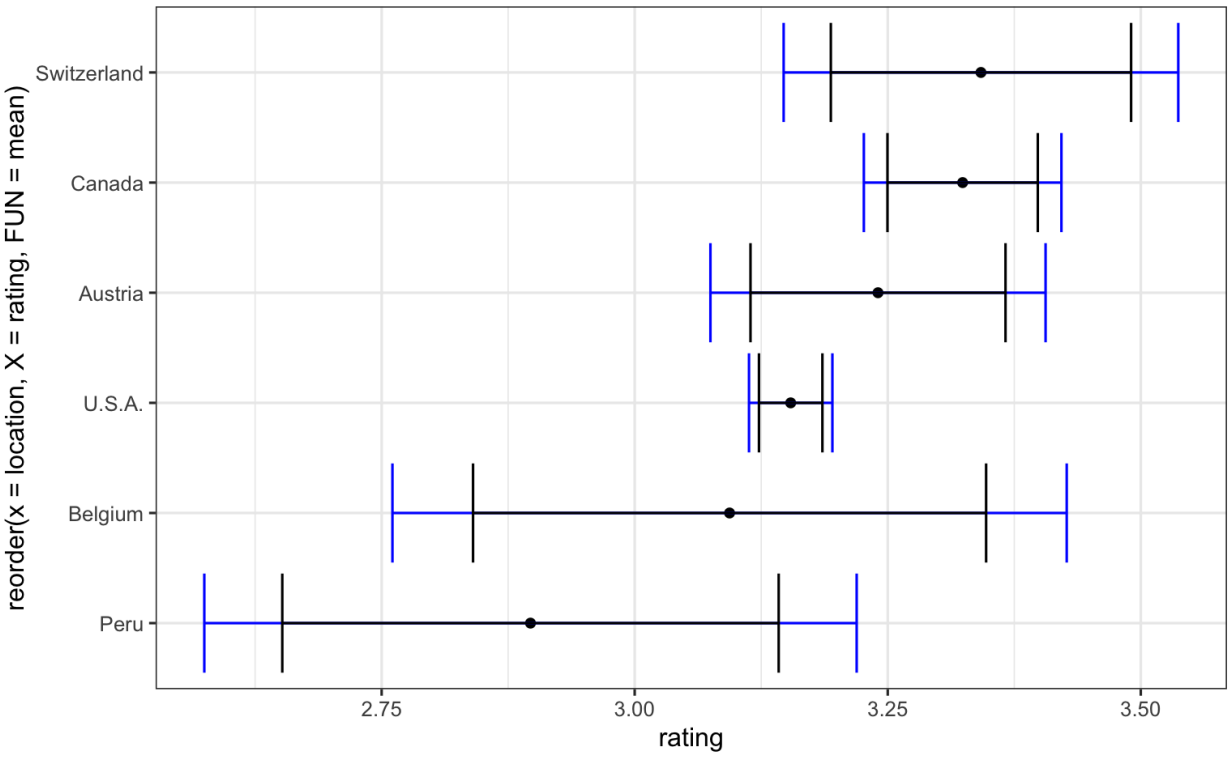
```
ggplot(data = cacaoSelection,
       mapping = aes(x = reorder(x = location,
                                 X = rating,
                                FUN = mean),
                     y = rating)) +
geom_point(stat = "summary",
         fun = "mean") +
  geom_errorbar(stat = "summary",
                fun.data = "mean_se") +
  coord_flip()
```



```
## Error bars in R - Error bars, 95% and 99% confidence interval

<div class="first-column">

```{r, eval = FALSE}
ggplot(data = cacaoSelection,
       mapping = aes(x = reorder(x = location,
                                 X = rating,
                                FUN = mean),
                     y = rating)) +
geom_point(stat = "summary",
         fun = "mean") +
  geom_errorbar(stat = "summary",
                fun.data = "mean_se",
                fun.args = list(mult = qnorm((1-.99)/2)),
                col = "blue") +
  geom_errorbar(stat = "summary",
                fun.data = "mean_se",
                fun.args = list(mult = qnorm((1-.95)/2))) +
  coord_flip()
```
```


Switzerland
Canada
Austria
U.S.A.
Belgium
Peru
reorder(x = location, X = rating, FUN = mean)
2.75
3.00
3.25
3.50
rating